

IN THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Original) An electric pump unit in which a pump section for sucking and discharging a fluid is formed on one end side of a rotation shaft disposed through a hole provided in an inner wall for dividing a housing, and a motor section is formed on another end side of said rotation shaft, said motor section comprising: a rotor consisting of a rotor core and a permanent magnet which are fixed to an outer circumference of said rotation shaft; and a stator consisting of a stator core having a teeth portion, and a coil which are disposed in a periphery of said rotor, wherein

said permanent magnet constituting said rotor is embedded in said rotor core.

2. (Original) An electric pump unit according to claim 1, wherein a bearing gap is disposed between an outer-diameter face of said rotor core and an inner-diameter face of said stator core opposed thereto, and rotation of said rotation shaft is supported by said stator core.

3. (Original) An electric pump unit according to claim 2, wherein said stator core is an annular stator core comprising: an annular core having a cylindrical inner circumferential face; and a tooth portion protruding from an outer circumferential face of said annular core in a radial direction.

4. (Original) An electric pump unit according to claim 2 or 3, wherein a solid lubricant coating film made of a non-magnetic material is formed on at least one of said outer-diameter face of said rotor core and said inner-diameter face of said stator core opposed thereto.

5. (Currently Amended) An electric pump unit according to ~~any one of claims 1 to 4~~ claim 2, wherein said permanent magnet is a rare-earth magnet, and said rotor core is formed by using laminated electromagnetic steel plates.